

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	78	(michio near1 tsuyumoto) or (yo near1 yamato)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/29 14:10
S2	1	("5856426").PN.	USPAT	OR	OFF	2006/08/29 14:04
S3	4	S1 and (pore near1 (size or diameter))	US-PGPUB; USPAT	ADJ	ON	2006/08/29 14:05
S4	11	S1 and (pore near1 (size or diameter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/29 14:06
S5	3	S4 and (porosity or surface hole area)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/29 14:05
S6	23	(michio near1 tsuyumoto) or (yo near1 yamato)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/29 14:10
S7	2	ep near1 "1233036"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/29 14:48
S8	1	2001-328010.NRAN.	DERWENT	ADJ	ON	2006/08/29 14:50
S9	1	("20040161598").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/29 14:50
S10	1	S9 and (pore near1 (size or diameter))	US-PGPUB; USPAT	ADJ	ON	2006/08/29 14:50
S11	1	S10 and thickness	US-PGPUB; USPAT	ADJ	ON	2006/08/29 14:50
S12	1	S11 and porosity	US-PGPUB; USPAT	ADJ	ON	2006/08/29 14:50
S13	975	(428/315.7,315.5).ccls.	US-PGPUB; USPAT	ADJ	ON	2006/08/29 14:58

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S14	408	S13 and (pore near1 (size\$1 or diameter\$1))	US-PGPUB; USPAT	ADJ	ON	2006/08/29 14:58
S15	269	S14 and (porosity)	US-PGPUB; USPAT	ADJ	ON	2006/08/29 14:58
S16	240	S15 and thickness	US-PGPUB; USPAT	ADJ	ON	2006/08/29 14:59
S17	49	S16 and (uniform near2 (thickness or pore size or pore diameter))	US-PGPUB; USPAT	ADJ	ON	2006/08/29 15:25
S18	2111	428/304.4.ccls.	US-PGPUB; USPAT	ADJ	ON	2006/08/29 15:30
S19	50	(uniform near2 (pore near1 (size or diameter))) and S18	US-PGPUB; USPAT	ADJ	ON	2006/08/29 15:31
S20	3255	(uniform or constant) near3 (porosity or void volume)	US-PGPUB; USPAT	ADJ	ON	2006/08/29 16:26
S21	2992	(uniform or constant) near3 (pore size or pore diameter)	US-PGPUB; USPAT	ADJ	ON	2006/08/29 16:04
S22	275	S20 and S21	US-PGPUB; USPAT	ADJ	ON	2006/08/29 16:26
S23	6	S22 and 428/304.4.ccls.	US-PGPUB; USPAT	ADJ	ON	2006/08/29 16:05
S24	211	S22 and thickness	US-PGPUB; USPAT	ADJ	ON	2006/08/29 16:26
S25	234	(pore size or pore diameter) near2 ((first or one) near2 (surface or end))	US-PGPUB; USPAT	ADJ	ON	2006/08/29 16:34
S26	4142985	uniform or "same" or equal	US-PGPUB; USPAT	ADJ	ON	2006/08/29 16:39
S27	79525	pore size or pore diameter	US-PGPUB; USPAT	ADJ	ON	2006/08/29 16:39
S28	4062751	both ends or both surface\$1 or end\$1 or surface\$1	US-PGPUB; USPAT	ADJ	ON	2006/08/29 16:40
S29	6208	S26 same S27 same S28	US-PGPUB; USPAT	ADJ	ON	2006/08/29 16:41
S30	4047	S26 near2 S27	US-PGPUB; USPAT	ADJ	ON	2006/08/29 16:42
S31	112	S30 near2 S28	US-PGPUB; USPAT	ADJ	ON	2006/08/29 16:42
S32	16	("3883626").URPN.	USPAT	ADJ	ON	2006/08/29 17:35
S33	18	("3285765"   "3310488"   "3360459"   "3364288"   "3373056"   "3483282"   "3567809"   "3592672"   "3592953").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/29 17:50
S34	321	isotropic near2 (membrane or porous film\$1)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/29 17:57

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S35	191	S34 and (pore near1 (size or diameter))	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/29 17:51
S36	135	S35 and (porosity or void volume)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/29 17:51
S37	123	S36 and thickness	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/29 17:51
S38	616	(isotropic or symmetric) near2 (membrane or porous film\$1)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/29 17:57
S39	380	S38 and (pore near1 (diameter or size))	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/29 17:58
S40	93	S39 and (pore volume or void volume)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/29 17:58
S41	252	S39 and (pore volume or void volume or porosity)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/29 17:58

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	9383	microporous near1 (film or sheet or membrane)	US-PGPUB; USPAT	ADJ	ON	2006/08/30 17:12
S2	56	symmetric with S1	US-PGPUB; USPAT	ADJ	ON	2006/08/30 17:00
S3	2525	(uniform or constant) near2 (porosity or void volume)	US-PGPUB; USPAT	ADJ	ON	2006/08/30 17:03
S4	19	S1 same S3	US-PGPUB; USPAT	ADJ	ON	2006/08/30 17:03
S5	1	("2806256").PN.	USPAT	OR	OFF	2006/08/30 17:03
S6	3374	microporous near1 (film or sheet or membrane)	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/30 17:14
S7	2	S6 and (uniform porosity or constant porosity)	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/30 17:13
S8	333	S6 and (porosity or pore volume or void volume)	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/30 17:14
S9	131	S8 and (pore size or pore diameter)	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/30 17:14
S10	7269	("same" or constant or uniform) near2 (pore diameter or pore size or pore volume or void volume or porosity)	US-PGPUB; USPAT	ADJ	ON	2006/08/30 17:21
S11	599	S1 and S10	US-PGPUB; USPAT	ADJ	ON	2006/08/30 17:21
S12	971	((("same" or constant or uniform) near2 (pore diameter or pore size or pore volume or void volume or porosity)) with (surface\$1 or both surface\$1 or both end\$1 or each surface or each end)	US-PGPUB; USPAT	ADJ	ON	2006/08/30 17:22
S13	199	inside near2 (pore diameter or pore size)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/30 17:45
S14	1	1974-47725V.NRAN.	DERWENT	ADJ	ON	2006/08/30 17:47

## EAST Search History

S15	79525	pore size or pore diameter	US-PGPUB; USPAT	ADJ	ON	2006/08/30 17:56
S16	441	S15 near2 (related)	US-PGPUB; USPAT	ADJ	ON	2006/08/30 17:56
S17	117639	porosity or pore volume or void volume	US-PGPUB; USPAT	ADJ	ON	2006/08/30 17:57
S18	55	S16 with S17	US-PGPUB; USPAT	ADJ	ON	2006/08/30 17:57
S19	4245	yuasa battery	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/30 18:17
S20	4078	yuasa battery	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/30 18:23
S21	1	("3929971").PN.	USPAT	OR	OFF	2006/08/30 18:23